

DAFTAR PUSTAKA

- Andika. D., Purnama. D., Negara. B. F. S. P., Kusuma. A. B, Tapilatu. R. F. 2020. Growth rate and survival rate of coral *Acropora* sp. Transplanted on the artificial dead coral substrate in the waters of Baai Island, Bengkulu, Indonesia. *Ocean Life*. **4**(1): 17-23
- BAPPEDA Kab. Anambas. 2011. Rencana Tata Ruang Kabupaten Kepulauan Anambas Tahun 2011 - 2031: Materi Teknis. Pemerintah Kabupaten Kepulauan Anambas, Badan Perencanaan Pembangunan Daerah. Tarempa.
- Brown. K. T., Champ. D. B., Kubicak. A., Zande. R. Achlatis. M., Guldber. O. H., Dove. S. G. 2018. The dynamic of coral-algal interactions in space and time on the southern great barrier reef. *Frontiers in Marine Science*. **5**(181): 1 - 13
- Carteau. D., Rehel. K. V., Linossier. I., Quiniou. F., Davy. R., Compere. C., Delbury. C., Fay. F. 2014. Development of environmentally friendly antifouling paints using biodegradable polymer and lower toxic substances. *Progress in Organic Coatings*. **77**(2): 485-493
- COREMAP. 2016. Terumbu Karang. <http://coremap.oseanografi.lipi.go.id/berita/520>, diakses pada tanggal 29 Januari 2022
- DeCarlo. T. M., Cohen. A. L., Wong. G. T. F., Davis. K. A., Lohmann. P., Soong. K. 2017. Mass Coral Mortality Under Local Amplification of 2°C Ocean Warming. *Science*. **350**(6262): 626-630
- Edwards. A. J., Gomez. E. D., 2008. Reef Restoration Concepts and Guidelines: making sensible management choices in the face of uncertainty. Gecfocal. Australia
- Edwards. A. J., Guest. J., Shafir. S., Fisk. D., Gomez. E., Rinkevich. B., Heyward. A., Omori. M., Iwao. K., Dizon. R., Morse. A., Boch. C., Job. S., Bonglomi. L., Levy. G., Shaish. L., Wells. S. 2010. Reef Rehabilitation Manual. Coral Reef Targeted Research & Capacity Building for Management Program: St Lucia. Australia
- English, S., Wilkinson, C., and Baker. V. 1997. Survey Manual for Tropical Marine Resources. Australian Institute of Marine Science (AIMS). Townsville. Australia.
- Eyal. G., Cohen. I., Shaham. E. L., Tamir. R., Zvi. B. O., Sinniger. F., Loya. Y. 2018. Evaluating the performance of different coral transplantation substrates: a field experiment in the Red Sea. *Marine Ecology Progress Series*. **598**: 169-180
- Faizal, I., F. Kristiadhi., Y. A. Nurrahman., N. P. Purba., dan F. S. Prasetya. 2020. Distribusi Tutupan Terumbu Karang di Pelabuhan Laut Bakauheni, Lampung Selatan, Indonesia. *Jurnal Akuatek*, **1**(2): 94-103.
- Ferrario. F., Beck. M. W., Storlazzi. C. D., Micheli. F., Shepard. C. C., Airlodi. L. 2014. The effectiveness of coral reefs for coastal hazard risk reduction and adaptation. *Nat. Commun*. **5**:3794

- Giyanto, Abrar M., Tri A.H., Agus B. 2017. Status Terumbu Karang di Indonesia 2017. Jakarta. COREMAP-CTI Pusat Penelitian Oseanografi - LIPI
- Hadi. T. A., Giyanto. G., Prayudha. B., Hafizt. M., Shar. S. S. 2018. Status Terumbu Karang Indonesia 2018. LIPI. Jakarta
- Harahap, A.S, Amron, Supriyadi. 2014, Kondisi Terumbu Karang di Kepulauan Anambas. *Jurnal Akuatika* **5**(2): 96-103
- Hooidonk. V. R., Maynard. J., Tamelander. J., Gove. J. M., Ahmadia. G. N., Raymundo. L. J., Williams. G. J., Heron. S. F., Planes. S. 2016. Local-scale Projections of Coral Reef Future and Implications of the Paris Agreement. *Scientific Reports*. **6**(39666): 1-8
- Hughes. T. P., Kerry. J. T., Baird. A. H., Connolly. S. R., Dietzel. A., Eakin. C. M., Heron. S. F., Hoey. A. S., Hoogenboom. M. O., Liu. G., McWilliam. M. J., Pears. R. J., Pratchett. M. S., Skirving. W. J., Stella. J. S., Torda. G. 2018. Global Warming Transforms Coral Reef Assemblages. *Nature*. **556**(7702): 492-496.
- Judd. C. M., McClelland. G. H., Ryan. C. S. 2017. Data Analysis: A Model Comparison Approach to Regression, ANOVA, and Beyond, Third Edition. Roudledge. New York.
- Leonardi. A. K., Ober. C. K. 2019. Polymer-Based Marine Antifouling and Fouling Release Surfaces: Strategies for Synthesis and Modification. *Annual review of chemical and biomolecular engineering*. **10**: 241-264
- Mahmoud. M. A. M., Dar. M. A., Hussein. H. N. M., El-Metwally. M. E. A., Maaty. M. M., Omar. M. Y., Seraj. M. R., Mohammed. T. A. A. 2019. Survivorship and growth rate for some transplanted coral reef building species and their potential for coral reef rehabilitation in the Red Sea. *Egyptian Journal of Aquatic Biology & Fisheries*. **23**(2): 183-193
- McCormick. M. I., Barry. R. P., Allan. B. J. M. 2017. Algae Associated With Coral Degradation Affects Risk Assessment In Coral Reef Fishes. *Scientific Reports*. **7**(1): 1 -12
- Mompala. K., Rondonuwu. A. B., Rembet. U. N. W. J. 2017. Laju Pertumbuhan Karang Batu *Acropora sp.* Yang Ditransplantasi pada Terumbu Buatan di Perairan Kaerko Kecamatan Lembeh Utara Kota Belitung. *Jurnal Ilmiah Platax*. Vol **5**(2): 234-242
- Morris. L. A., Voolstra. C. R., Quigley. K. M., Bourne. D. G., Bay. L. K. 2019. Nutrient Availability and Metabolism Affect the Stability of Coral-Symbiodiniaceae Symbioses. *Trends in Microbiology*. **27**(8): 678-689

- Munasik., Sabdono. A., Assyfa A. N. Wijayanti. D. P., Sugiyanto., Irwani. I., Pribadi. R. 2020. Coral transplantation on a multilevel substrate of Artificial Patch Reefs: effect of fixing methods on the growth rate of two *Acropora* species. *Biodiversitas Journal of Biological Diversity*. **21**(5): 1816-1822
- Ng, Lionel. C. S., Qin. S. S., Kikuzawa, Preslie. Y., Sim, Ting. W., Wee, Wei. T., Ming. L. C., 2018. A Preliminary Survey of The Coral Reefs at Pulau Bawah. National University of Singapore. Singapore
- Octavina. C., Ulfah. M., Damora. A., Jalil. Z., Razi. N. M., Agustiar. M., Harahap .P. B., Najmi. N., Bahri. S., Munandar., Liu. S. V. 2021. Effect of transplantation media on *Pocillopora* coral growth rate at TWAL Pulau Weh. *Jurnal Ilmu-Ilmu Perairan, Pesisir dan Perikanan*. **10**(2): 103-106
- Permana. R. D., Harahap. S. A., Sunarto., Riyantini. I., Ilham. Y. 2021. Potassium Cyanide (KCN) Content in Coral Reefs and Its Effect on the Abundance of Indicator-Fishes in The Anambas Islands. *Journal of Science and Applicative Technology*. **5**(1): 214-221
- Puspitasari. A. T. T., Amron., Alisyahbana. S. 2016. Struktur Komunitas Karang Berdasarkan Karakteristik Perairan di Taman Wisata Perairan (TWP) Kepulauan Anambas. *OmniAkuatika*. **12**(1): 55-72
- Rani. C., Tahir. A, Jompa. J, Faisal. A, Yusuf. S, Werorilangi. S, Arniati. 2017. Keberhasilan Rehabilitasi Terumbu Karang Akibat Peristiwa Bleaching Tahun 2016 dengan Teknik Transplantasi. *SPERMONDE* **3**(1): 13-19
- Raymundo, L.J., Work, T.M., Bruckner, A.W., & Willis, B.L. (2008). A coral disease handbook: Guidelines for assessment, monitoring, and management. Gecfocal. Australia.
- Riska. R., Tasabaramo. I. A., Zamani. N. P., Lalang., Syadinah. E. A. 2022. Accumulation of Heavy Metals (Pb, Cd, Hg) in Coral *Acropora Aspera* at Pomalaa Waters Southeast Sulawesi. *Jurnal Ilmu dan Teknologi Kelautan Tropis*. **14**(1): 69 - 80
- Saadili. D., Sarmintohadi., Ramli. I., Rasdiana. H., Sari. R. P., Miasto. Y., Prabowo., Monintja. M., Tery. N., Annisa. S. 2015. Pedoman Rehabilitasi Terumbu Karang (Scleractinia). KKP. Jakarta
- Sandoval. L. L., Cruz. E. L., Zapata. F. A. 2018. Growth and survival of *Pocillopora damicornis* (Scleractinia: Pocilloporidae) coral fragments and their potential for coral reef restoration in the Tropical Eastern Pacific. *Marine Biology Research*. **14**: 887 - 897
- Souhoka. J., Patty S.I., 2013. Pemantauan Kondisi Hidrologi Dalam Kaitannya Dengan Kondisi Terumbu Karang di Perairan Pulau Talise, Sulawesi Utara. *Jurnal: Ilmiah Platex*. **1**(3). 138- 147
- Subhan. M. A., Yahya. Y., Mardiansyah., Putri. L. S. E. 2021. The growth of *Acropora loripes* (Brook 1892) using spider frame module transplantation method and its effect on the presence of fish reef in Les Village, Buleleng, Bali. *IOP Conference Series: Earth and Environmental Science*. **774**(1): 1-12

- Sugiyono. 2018. Metode Penelitian Kuantitatif, Kualitatif, dan R&D. Alfabeta. Bandung
- Suharsono., Siringoringo. R. M., Hadi. T. A., Giyanto., Tutu. Y., Budiyanto. A., Sulha. S. 2013. Perkembangan Teknik Transplantasi Karang Indonesia. LIPI. Jakarta
- Wicaksono. D. B., Yulianto. B., Ambaariyanto. 2013. Pengaruh Logam Berat Terhadap Karang. *Journal of Marine Research*. **2**(10): 161 - 166
- Williams. S. L., Sur. C., Janetski. N., Hollarsmith. J. A., Rapi. S., Barron. L., Heatwole. S. J., Yusuf. A. M., Yusuf. S., Jompa. J., Mars. F. 2019. Large-scale coral reef rehabilitation after blast fishing in Indonesia. *Restoration Ecology*. **27**(2): 447-456
- Yanuar. Y. 2015. Profil Pengolahan Taman Wisata Perairan Pieh dan Anambas. KKP. Pekanbaru

